

NDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 16:10:25 ON
22 SEP 2003

SEA (MENORRHAGIA OR HYPERMENORRHEA OR MIGRAINE OR DYSMENORRHEA)

24 FILE ADISCTI
3 FILE ADISINSIGHT
11 FILE ADISNEWS
16 FILE BIOSIS
44 FILE BIOTECHABS
44 FILE BIOTECHDS
2 FILE BIOTECHNO
5 FILE CABA
39 FILE CAPLUS
1 FILE CEN
6 FILE DDFU
390 FILE DGENE
9 FILE DRUGU
13 FILE EMBASE
1 FILE ESBIODBASE
18 FILE IFIPAT
3 FILE JICST-EPLUS
4 FILE LIFESCI
7 FILE MEDLINE
1 FILE NUTRACEUT
6 FILE PASCAL
9 FILE PHARMAML
55 FILE PHIN
43 FILE PROMT
5 FILE SCISEARCH
9 FILE TOXCENTER
606 FILE USPATFULL
33 FILE USPAT2
447 FILE WPIDS
447 FILE WPINDEX

L4 QUE (MENORRHAGIA OR HYPERMENORRHEA OR MIGRAINE OR DYSMENORRHEA)

SEA L4 AND MILK

2 FILE PHIN
2 FILE PROMT
276 FILE USPATFULL
11 FILE USPAT2
2 FILE WPIDS
2 FILE WPINDEX

L5 QUE L4 AND MILK

FILE 'PHIN, PROMT, USPAT2' ENTERED AT 16:12:26 ON 22 SEP 2003

L6 15 S L5

L7 15 DUP REM L6 (0 DUPLICATES REMOVED)

=> s l7 and antibacterial(p)milk(p)product?

L8 0 L7 AND ANTIBACTERIAL(P) MILK(P) PRODUCT?

=>

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 5 of 5 returned.**☐ 1. Document ID: US 6451780 B1

L6: Entry 1 of 5

File: USPT

Sep 17, 2002

US-PAT-NO: 6451780

DOCUMENT-IDENTIFIER: US 6451780 B1

**** See image for Certificate of Correction ****

TITLE: Progesterone antagonists for the production of pharmaceutical agents for the treatment of dysfunctional uterine bleeding

DATE-ISSUED: September 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chwalsz; Kristof	Berlin			DE
Stockemann; Klaus	Berlin			DE

US-CL-CURRENT: 514/179; 514/899

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC
Draw Desc	Image										

☐ 2. Document ID: US 4292315 A

L6: Entry 2 of 5

File: USPT

Sep 29, 1981

US-PAT-NO: 4292315

DOCUMENT-IDENTIFIER: US 4292315 A

TITLE: Follicular phase estrogen or progestin with physiologic estrogen/progestin luteal phase replacement drug delivery system

DATE-ISSUED: September 29, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vorys; Nichols	Columbus	OH	43209	

US-CL-CURRENT: 514/178; 206/533, 514/182, 514/843

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC
Draw Desc	Image										

☐ 3. Document ID: US 4291028 A

L6: Entry 3 of 5

File: USPT

Sep 22, 1981

US-PAT-NO: 4291028

DOCUMENT-IDENTIFIER: US 4291028 A

TITLE: Follicular phase estrogen or progestin with physiologic estrogen/progestin
luteal phase replacement drug delivery system

DATE-ISSUED: September 22, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vorys; Nichols	Columbus	OH	43209	

US-CL-CURRENT: 514/178; 514/177, 514/182, 514/899

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 4. Document ID: WO 9623503 A1

L6: Entry 4 of 5

File: EPAB

Aug 8, 1996

PUB-NO: WO009623503A1

DOCUMENT-IDENTIFIER: WO 9623503 A1

TITLE: PROGESTERONE ANTAGONISTS USEFUL FOR PREPARING MEDICAMENTS FOR TREATING
DYSFUNCTIONAL UTERINE BLEEDING

PUBN-DATE: August 8, 1996

INVENTOR-INFORMATION:

NAME	COUNTRY
CHWALSZ, KRISTOF	DE
STOECKEMANN, KLAUS	DE

INT-CL (IPC): A61 K 31/57; A61 K 31/575EUR-CL (EPC): A61K031/57; A61K031/575

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 5. Document ID: KR 370908 B DE 4403769 A1 WO 9623503 A1 AU 9525611 A NO
9604155 A FI 9603049 A CZ 9602845 A3 SK 9601219 A3 EP 806952 A1 HU 75930 T MX
9603889 A1 KR 97704451 A JP 10512889 W AU 714959 B CN 1140993 A CZ 286943 B6 NZ
287024 A RU 2170580 C2 US 6451780 B1 SK 282570 B6 EP 806952 B1 DE 59510626 G

L6: Entry 5 of 5

File: DWPI

Apr 10, 2003

DERWENT-ACC-NO: 1995-270068

DERWENT-WEEK: 200353

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TITLE: Treating abnormal uterine bleeding in e.g. metrorrhagia - comprises admin. of
competitive progesterone antagonist, e.g. onapristone.

INVENTOR: CHWALSZ, K; STOECKEMANN, K ; CHWALISZ, K ; STOECKMANN, K ; STOCKEMANN, K

PRIORITY-DATA: 1994DE-4403769 (February 2, 1994), 1995WO-EP00394 (February 2, 1995), 1995AU-0025611 (February 2, 1995), 1996NO-0004155 (October 1, 1996), 1996FI-0003049 (August 1, 1996), 1996CZ-0002845 (February 2, 1995), 1996SK-0001219 (February 2, 1995), 1995EP-0919986 (February 2, 1995), 1996HU-0002668 (February 2, 1995), 1996MX-0003889 (September 5, 1996), 1996KR-0705470 (October 1, 1996), 1996JP-0523189 (February 2, 1995), 1995CN-0191456 (February 2, 1995), 1995NZ-0287024 (February 2, 1995), 1996RU-0120183 (February 2, 1995), 2000US-0615060 (July 12, 2000), 1995DE-0510626 (February 2, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 370908 B	April 10, 2003		000	A61K031/57
DE 4403769 A1	August 3, 1995		006	A61K031/565
WO 9623503 A1	August 8, 1996	G	018	A61K031/57
AU 9525611 A	August 21, 1996		000	A61K031/57
NO 9604155 A	October 1, 1996		000	A61K031/57
FI 9603049 A	October 1, 1996		000	A61K000/00
CZ 9602845 A3	January 15, 1997		000	A61K031/57
SK 9601219 A3	May 7, 1997		000	A61K031/57
EP 806952 A1	November 19, 1997	G	000	A61K031/57
HU 75930 T	May 28, 1997		000	A61K031/57
MX 9603889 A1	April 1, 1997		000	A61K031/57
KR 97704451 A	September 6, 1997		000	A61K031/57
JP 10512889 W	December 8, 1998		015	C07J001/00
AU 714959 B	January 13, 2000		000	A61K031/57
CN 1140993 A	January 22, 1997		000	A61K031/57
CZ 286943 B6	August 16, 2000		000	A61K031/567
NZ 287024 A	March 30, 2001		000	A61K031/567
RU 2170580 C2	July 20, 2001		000	A61K031/57
US 6451780 B1	September 17, 2002		000	A61K031/56
SK 282570 B6	October 8, 2002		000	A61K031/57
EP 806952 B1	April 2, 2003	G	000	A61K031/57
DE 59510626 G	May 8, 2003		000	A61K031/57

287024 A INT-CL (IPC): A61 K 0/00; A61 K 31/56; A61 K 31/565; A61 K 31/567; A61 K 31/57; A61 K 31/575; A61 K 45/00; A61 P 5/24; A61 P 5/36; A61 P 7/04; C07 J 1/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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Term	Documents
MENORRHAGIA	329
MENORRHAGIUM	0
MENORRHAGIUMS	0
MENORRHAGIAS	2
HYPERMENORRHEA	17
HYPERMENORRHEAS	1
(HYPERMENORRHEA SAME MENORRHAGIA).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	5
(MENORRHAGIA SAME HYPERMENORRHEA).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	5

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 2 of 2 returned.**☐ 1. Document ID: US 4292315 A

L7: Entry 1 of 2

File: USPT

Sep 29, 1981

US-PAT-NO: 4292315

DOCUMENT-IDENTIFIER: US 4292315 A

TITLE: Follicular phase estrogen or progestin with physiologic estrogen/progestin
luteal phase replacement drug delivery system

DATE-ISSUED: September 29, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vorys; Nichols	Columbus	OH	43209	

US-CL-CURRENT: [514/178](#); [206/533](#), [514/182](#), [514/843](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 2. Document ID: US 4291028 A

L7: Entry 2 of 2

File: USPT

Sep 22, 1981

US-PAT-NO: 4291028

DOCUMENT-IDENTIFIER: US 4291028 A

TITLE: Follicular phase estrogen or progestin with physiologic estrogen/progestin
luteal phase replacement drug delivery system

DATE-ISSUED: September 22, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vorys; Nichols	Columbus	OH	43209	

US-CL-CURRENT: [514/178](#); [514/177](#), [514/182](#), [514/899](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
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Term	Documents
MIGRAINES	1253
MIGRAINE	12852
(6 AND MIGRAINES).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	2
(L6 AND "MIGRAINES").USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	2

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L8: Entry 1 of 3

File: USPT

Sep 17, 2002

US-PAT-NO: 6451780

DOCUMENT-IDENTIFIER: US 6451780 B1

**** See image for Certificate of Correction ****

TITLE: Progesterone antagonists for the production of pharmaceutical agents for the treatment of dysfunctional uterine bleeding

DATE-ISSUED: September 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chwalsz; Kristof	Berlin			DE
Stockemann; Klaus	Berlin			DE

US-CL-CURRENT: 514/179; 514/899

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 4292315 A

L8: Entry 2 of 3

File: USPT

Sep 29, 1981

US-PAT-NO: 4292315

DOCUMENT-IDENTIFIER: US 4292315 A

TITLE: Follicular phase estrogen or progestin with physiologic estrogen/progestin luteal phase replacement drug delivery system

DATE-ISSUED: September 29, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vorys; Nichols	Columbus	OH	43209	

US-CL-CURRENT: 514/178; 206/533, 514/182, 514/843

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 4291028 A

L8: Entry 3 of 3

File: USPT

Sep 22, 1981

US-PAT-NO: 4291028

DOCUMENT-IDENTIFIER: US 4291028 A

TITLE: Follicular phase estrogen or progestin with physiologic estrogen/progestin
luteal phase replacement drug delivery system

DATE-ISSUED: September 22, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vorys; Nichols	Columbus	OH	43209	

US-CL-CURRENT: 514/178; 514/177, 514/182, 514/899

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

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Term	Documents
DYSMENORRHEA	2086
DYSMENORRHEAS	36
(6 AND DYSMENORRHEA).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	3
(L6 AND "DYSMENORRHEA").USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	3

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WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
DYSMENORRHEA	2086
DYSMENORRHEAS	36
(6 AND DYSMENORRHEA).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	3
(L6 AND "DYSMENORRHEA").USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	3

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L8

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Monday, September 22, 2003 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L8</u>	l6 and "dysmenorrhea"	3	<u>L8</u>
<u>L7</u>	L6 and "migraines"	2	<u>L7</u>
<u>L6</u>	menorrhagia same hypermenorrhea	5	<u>L6</u>
<u>L5</u>	l2 and "menorrhagia"	0	<u>L5</u>
<u>L4</u>	"antibacterial milk product"	0	<u>L4</u>
<u>L3</u>	L2 and "antibacterial milk product"	0	<u>L3</u>
<u>L2</u>	L1 and "antibacterial"	399	<u>L2</u>
<u>L1</u>	bacteria same milk	5119	<u>L1</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
"ANTIBACTERIAL VACCINE"	0
BLEEDING	56115
BLEEDINGS	731
(BLEEDING AND "ANTIBACTERIAL VACCINE").USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	2
("ANTIBACTERIAL VACCINE" AND "BLEEDING").USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	2

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L34

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Monday, September 22, 2003 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L34</u>	"antibacterial vaccine" and "bleeding"	2	<u>L34</u>
<u>L33</u>	"antibacterial vaccine" and "vaginal bleeding"	0	<u>L33</u>
<u>L32</u>	L31 and "antibacterial"	0	<u>L32</u>
<u>L31</u>	immune same menorrhagia	3	<u>L31</u>
<u>L30</u>	immune same migraine	879	<u>L30</u>
<u>L29</u>	L28 and vaginal	2	<u>L29</u>
<u>L28</u>	immunity same bleeding	39	<u>L28</u>
<u>L27</u>	immune suppressant same bleeding	106109	<u>L27</u>
<u>L26</u>	L25 and "antibacterial"	34015	<u>L26</u>
<u>L25</u>	female hormone same milk product	2493552	<u>L25</u>
<u>L24</u>	"antibacterial vaccine" and "bleeding"	2	<u>L24</u>
<u>L23</u>	"antibacterial vaccine" and "progesterone"	3	<u>L23</u>
<u>L22</u>	L21 and "polyvalent vaccine"	1	<u>L22</u>
<u>L21</u>	L20 and "progesterone"	3948	<u>L21</u>
<u>L20</u>	female hormones same milk	214400	<u>L20</u>
<u>L19</u>	"milk derived progesterone"	0	<u>L19</u>
<u>L18</u>	l16 and "milk"	0	<u>L18</u>
<u>L17</u>	L16 and "milk"	0	<u>L17</u>
<u>L16</u>	L15 and "antigestagen"	72	<u>L16</u>
<u>L15</u>	progesterone same milk product	2348068	<u>L15</u>
<u>L14</u>	L12 and "antibacterial"	0	<u>L14</u>
<u>L13</u>	L12 and "milk"	2	<u>L13</u>
<u>L12</u>	progesterone same menorrhagia	13	<u>L12</u>
<u>L11</u>	"milk derived antagonists of progesterone"	0	<u>L11</u>
<u>L10</u>	"milk derived progesterone antagonists"	0	<u>L10</u>
<u>L9</u>	antigestagens same milk	0	<u>L9</u>
<u>L8</u>	"milk antigen" and "migraine"	2	<u>L8</u>
<u>L7</u>	"milk antigen" and "progesterone"	28	<u>L7</u>
<u>L6</u>	L4 and "milk derived"	0	<u>L6</u>
<u>L5</u>	L1 and "antibacterial"	11	<u>L5</u>
<u>L4</u>	l1 and "vaccine"	32	<u>L4</u>
<u>L3</u>	l1 and "polyvalent vaccine"	0	<u>L3</u>
<u>L2</u>	L1 and "antigenic vaccine"	0	<u>L2</u>
<u>L1</u>	progesterone same milk	180	<u>L1</u>

END OF SEARCH HISTORY